

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Amendments shown by strikethrough (for deleted matter) or underlining (for added matter).

1. (currently amended) A grain moisture meter comprising means ~~(1,2)~~ for introducing a grain sample into a test cell ~~(3)~~, said test cell comprising means for measuring the dielectric constant of the grain sample, and means for calculating the moisture content of said sample based on the measured dielectric constant, said meter further including a strike off element ~~(7)~~ for removing excess of grains delivered to the test cell ~~(3)~~, a bottom container ~~(4)~~ disposed under the test cell ~~(3)~~ and having such an extension that grains removed from the test cell ~~(3)~~ by the strike off element ~~(7)~~ will fall into said container ~~(4)~~, means for unloading grains from the test cell into said container ~~(4)~~, and means ~~(5)~~ for weighing the container and its possible content.

2. (previously presented) The meter according to Claim 1 wherein the means ~~(1,2)~~ for introducing a grain sample into a test cell comprises a top container ~~(1)~~ comprising means ~~(6)~~ for determining temperature of the grain sample

3. ~~(cancelled)~~.

4. (currently amended) Meter according to Claim 2 wherein the means for determining temperature of a grain sample, comprise at least one elongate conductive element ~~(7,8)~~ having a resistance dependent on the temperature and being bent in a pattern so that it covers a certain area, a sensor ~~(9,10)~~ for measuring the current flowing in the conductive element ~~(7,8)~~ and means for calculating the resistance of the conductive element based on the measured current and the temperature based on the calculated resistance value.

5. (presently amended) Meter according to Claim 4, wherein said means comprise a second elongate element similar to the first conductive element and running parallel thereto and in the same plane.
6. (presently amended) Meter according to Claim 4 wherein the at least one elongate conductive element ~~(7,8)~~ runs in a meandering path.
7. (presently amended) Meter according to Claim 4 , wherein the at least one elongate conductive element ~~(7,8)~~ is made of copper.
8. (cancelled)